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## **-86°C ULTRA-LOW TEMPERATURE STORAGE BOX**



### **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L820**

**SKU:** MD- 86L820

### **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L820**

- -86°C Ultra Low Temperature Storage Box-MD- 86L820
- • Independent dual-core engine
- • D-type tube for efficient heat transfer
- • PID algorithm optimization
- • Multi-component mixed refrigerant

#### **Product Overview**

-86°C ultra-low temperature refrigerator, -86°C Ultra Low Temperature Storage Box-MD- 86L820, can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices, and special materials.

#### **Self-cascaded independent dual system**

Dual compressor independent dual system, when one system is running alone, the sample can still be safely stored below -80°C.

D+ type evaporation pipeline with independent intellectual property rights



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### **Multi-dimensional insulation technology**

- Technologically advanced LBA foaming agent, nano-film vacuum insulation panel (VIP).
- Excellent thermal insulation performance.

### **EasyGo Convenience Design**

304 stainless steel liner, wear-resistant and corrosion-resistant

Energy saving and noise reduction, noise value: 49dB (A)

The cabinet of -86°C Ultra Low Temperature Storage Box-MD- 86L820 adopts a "bevel design" with beveled edges on the hinge side to prevent the outer doors from touching each other when the doors are opened/closed, which can reduce installation space

**Category:** [-86°C Ultra-low temperature storage box](#)



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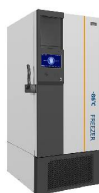
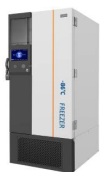
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## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L708BT**

**SKU:** MD- 86L708BT

## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L708BT**



- Independent dual-core engine
- D-type tubes for efficient heat transfer
- PID algorithm optimization
- Multi-component mixed refrigerant

### **Product Overview**

-86°C **ultra-low temperature refrigerator**, -86°C Ultra Low Temperature Storage Box-MD- 86L708BT, can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials; it is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemicals, bioengineering, military enterprises, offshore fishing companies, etc.

**Category:** [-86°C Ultra-low temperature storage box](#)



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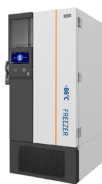
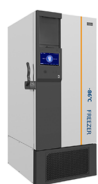
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## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L718**

**SKU:** MD- 86L718

## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L718**



- Independent dual-core engine
- D-type tubes for efficient heat transfer
- PID algorithm optimization
- Multi-component mixed refrigerant

### **Product Overview**

-86°C **ultra-low temperature refrigerator**, -86°C Ultra Low Temperature Storage Box-MD- 86L718, can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices, and special materials.

It is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemicals, bioengineering, military enterprises, offshore fishing companies, etc.

**Category:** [-86°C Ultra-low temperature storage box](#)



## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX MD-86L578**

**SKU:** MD-86L578

**-86°C Ultra Low Temperature Storage Box MD-86L578**

**• Ruijin Ultra Low Temperature Storage Box - ECO Xunleng Technology is safe and reliable**



### **Product Overview**

-86°C ultra-low temperature refrigerator, -86°C Ultra Low Temperature Storage Box MD-86L578, can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices, and special materials.

It is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemical industry, bioengineering, military enterprises, offshore fishing companies, etc.

### **Technical features**

#### **High efficiency refrigeration, environmentally friendly**

Dual compressors with independent dual systems. When one system is running alone, the samples can still be safely stored below -80°C.

High-efficiency self-cascade refrigeration system, fast cooling; multiple environmentally friendly refrigerants, efficient and reliable; imported brand compressors and fans, high efficiency and energy saving.

D+ type evaporation pipeline, larger heat exchange area, higher refrigerant flow rate, faster cooling speed.

#### **Multiple protections to protect safety**

Double lock design, -86°C Ultra Low Temperature Storage Box MD-86L578 can be equipped with a padlock, multiple door lock design, and safe storage of items.

Standard battery, can provide no less than 24 hours; complete sound and light alarm function, can realize high and low temperature alarm, sensor failure alarm, and other functions.



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### **Multi-dimensional insulation technology**

The world's leading LBA foaming agent; nano-film vacuum insulation panels (VIP); imported silicone sealing materials to meet lower temperature requirements.

### **EasyGo Convenient Design**

-86°C Ultra Low Temperature Storage Box MD-86L578 – 304 mirrored stainless steel liner, wear-resistant and corrosion-resistant; 2-inch digital display, humanized interaction.

Innovative M-shaped door handle design, ergonomic, labor-saving, and worry-free; easy-to-remove dust screen for regular cleaning of the filter.

**Category:** [-86°C Ultra-low temperature storage box](#)



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## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX MD-86L716K**

**SKU:** MD-86L716K

**-86°C Ultra Low Temperature Storage Box MD-86L716K**

- Ruijin Ultra Low Temperature Storage Box – ECO Xunleng Technology is safe and reliable

### **Product Overview**

-86°C ultra-low temperature refrigerator, -86°C Ultra Low Temperature Storage Box MD-86L716K, can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials; it is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemical industry, bioengineering, military enterprises, offshore fishing companies, etc.

### **Technical features**

#### **High efficiency refrigeration, environmentally friendly**

-86°C Ultra Low Temperature Storage Box MD-86L716K has dual compressors with independent dual systems. When one system is running alone, the samples can still be safely stored below -80°C.

High-efficiency self-cascade refrigeration system, fast cooling; multiple environmentally friendly refrigerants, efficient and reliable; imported brand compressors and fans, high efficiency and energy saving; D+ type evaporation pipeline, larger heat exchange area, higher refrigerant flow rate, faster cooling speed.

#### **Multiple protections to protect safety**

Double lock design, -86°C Ultra Low Temperature Storage Box MD-86L716K can be equipped with a padlock, multiple door lock design, safe storage of items.

Standard battery, can provide no less than 24 hours; complete sound and light alarm function, can realize high and low temperature alarm, sensor failure alarm, and other functions.

#### **Multi-dimensional insulation technology**

The world's leading LBA foaming agent; nano-film vacuum insulation





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panels (VIP); imported silicone sealing materials to meet lower temperature requirements.

**EasyGo Convenient Design**

-86°C Ultra Low Temperature Storage Box MD-86L716K - 304 mirrored stainless steel liner, wear-resistant and corrosion-resistant; 2-inch digital display, humanized interaction; innovative M-shaped door handle design, ergonomic, labor-saving, and worry-free; easy-to-remove dust screen for regular cleaning of the filter.

**Category:** [-86°C Ultra-low temperature storage box](#)



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## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX RUIJIN SERIES MD-86L428**

**SKU:** MD-86L428

**-86°C Ultra Low Temperature Storage Box Ruijin Series MD-86L428**

- -86°C Ultra Low Temperature Storage Box Ruijin Series – ECO Xunleng Technology is safe and reliable

### **Product Overview**

-86°C Ultra Low Temperature Storage Box Ruijin Series can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials; they are suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemical industry, bioengineering, military enterprises, offshore fishing companies, etc.

### **Technical features**

#### **High efficiency refrigeration, environmentally friendly**

High-efficiency self-cascade refrigeration system, fast cooling; multiple environmentally friendly refrigerants, efficient and reliable; imported brand compressors and fans, high efficiency and energy saving; D+ type evaporation pipeline, larger heat exchange area, higher refrigerant flow rate, faster cooling speed.

#### **Multiple protections to protect safety**

Double lock design, can be equipped with a padlock, multiple door lock design, and safe storage of items. A standard battery can provide no less than 24 hours.

Complete sound and light alarm function, can realize high and low temperature alarm, sensor failure alarm, and other functions.

#### **Multi-dimensional insulation technology**

The world's leading LBA foaming agent; nano-film vacuum insulation panels (VIP); imported silicone sealing materials to meet lower temperature requirements.



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### **EasyGo Convenient Design**

304 mirrored stainless steel liner, wear-resistant and corrosion-resistant; 2-inch digital display, humanized interaction; innovative M-shaped door handle design, ergonomic, labor-saving, and worry-free; easy-to-remove dust screen for regular cleaning of the filter.

**Category:** [-86°C Ultra-low temperature storage box](#)



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## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L838**

**SKU:** MD- 86L838

**-86°C Ultra Low Temperature Storage Box-MD- 86L838**

- Independent dual-core engine
- D-type tubes for efficient heat transfer
- PID algorithm optimization
- Multi-component mixed refrigerant

### **Product Overview**

**-86°C ultra-low temperature refrigerator** can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials.

It is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemicals, bioengineering, military enterprises, offshore fishing companies, etc.

Self-cascaded independent dual system

Dual compressor independent dual system, when one system is running alone, the sample can still be safely stored below -80°C;

- D+ type evaporation pipeline with independent intellectual property rights, the temperature inside the box is set at -80 °C. After reaching a stable state, the absolute value of the difference between the average temperature inside the box and the displayed temperature value is  $\leq 3.5^{\circ}\text{C}$

### **Multi-dimensional insulation technology**

- Technologically advanced LBA foaming agent, nano-film vacuum insulation panel (VIP);

-86°C Ultra Low Temperature Storage Box-MD- 86L838 has an excellent heat preservation performance, when the room temperature is 20°C and the power is turned off, the refrigerator can be heated from -80°C to -50°C in 350 minutes without load.

EasyGo Convenience Design

304 stainless steel liner, wear-resistant and corrosion-resistant

The innovative M handle is ergonomic and saves time and effort.



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## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD- 86L568**

**SKU:** MD- 86L568

### **-86°C Ultra Low Temperature Storage Box-MD- 86L568**

- Independent dual-core engine
- D-type tubes for efficient heat transfer
- PID algorithm optimization
- Multi-component mixed refrigerant

#### **Product Overview**

**-86°C ultra-low temperature refrigerator** can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials.

-86°C Ultra Low Temperature Storage Box is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemicals, bioengineering, military enterprises, offshore fishing companies, etc.

#### **Technical features**

##### **Self-cascading independent dual system**

- A new generation of self-cascading independent dual systems to ensure the stable operation of the other system when one system fails

##### **Cloud IoT Mass Storage**

- 5G+ full-touch smart large screen, better user interaction experience

##### **Three-dimensional insulation, safe and stable**

- -86°C Ultra Low Temperature Storage Box is equipped with an intelligent temperature control system, precise temperature control to ensure safe storage of items

**Category:** [-86°C Ultra-low temperature storage box](#)



## **-86°C ULTRA LOW TEMPERATURE STORAGE BOX-MD-86L458**

**SKU:** MD-86L458

### **-86°C Ultra Low Temperature Storage Box-MD-86L458**

- Ruiyun Ultra-Low Temperature Storage Box - Self-Stacking Independent Dual System Cloud IoT Mass Storage
- -86°C Ultra Low Temperature Storage Box-MD-86L458 can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials; it is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemical industry, bioengineering, military enterprises, offshore fishing companies, etc.

## **PRODUCT OVERVIEW**

-86°C Ultra Low Temperature Storage Box-MD-86L458 can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials; it is suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutes, electronic chemical industry, bioengineering, military enterprises, offshore fishing companies, etc.

### **Technical features**

#### **Cascade Refrigeration System**

- ECO fast cooling technology, a new generation of cascade refrigeration system, high refrigeration efficiency  
Hydrocarbon refrigerants
- D+ type evaporation pipeline with independent intellectual property rights, larger heat exchange area and higher refrigerant flow rate
- -86°C Ultra Low Temperature Storage is equipped with a stand-alone sample library management system, which can realize stand-alone sample management
- **10-inch smart screen:** 10.1-inch large screen, higher resolution, more delicate picture

New display interface, more convenient and smoother operation  
-86°C Ultra Low Temperature Storage is equipped with multiple



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security permissions to meet the needs of different scenarios

- **Multi-dimensional insulation technology:**

The world's leading LBA foaming agent

- Nano-film vacuum insulation panels (VIP)
- Imported silicone sealing material to meet lower temperature requirements.

**Humanized design**

- 304 mirror stainless steel liner, wear-resistant and corrosion-resistant
- Innovative M-shaped door handle design, ergonomic, worry-free and labor-saving
- Easy to remove dust screen for regular cleaning of filters

**Category:** [-86°C Ultra-low temperature storage box](#)



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## LINGLONG ULTRA LOW TEMPERATURE REFRIGERATOR

**SKU:** N/A

### Linglong Ultra Low Temperature Refrigerator MD-86L108

- Linglong Series Ultra Low Temperature Refrigerator - Flexible placement, small size and large capacity

#### Product Overview

Linglong series ultra low temperature refrigerators can be used for low-temperature storage of viruses, bacteria, red blood cells, white blood cells, skin, bones, semen, biological products, offshore products, electronic devices and special materials; they are suitable for blood stations, hospitals, disease prevention and control centers, scientific research institutes, electronic chemicals, bioengineering, military enterprises, offshore fishing companies, etc.

#### Technical features

Flexible placement, small size, and large capacity  
Small size and large capacity, can store 9000 2ml standard cryopreservation tubes;

Linglong Ultra Low Temperature Refrigerator has both under-table placement and stacking design, perfectly matching the height of the laboratory bench and effectively saving laboratory space.

High efficiency refrigeration, energy saving, and environmental protection

Linglong Ultra Low Temperature Refrigerator is equipped with ECO fast cooling technology, the temperature inside the box is adjustable from -40°C to -86°C, and the temperature drops quickly.

Linglong Ultra Low Temperature Refrigerator adopts a Secop compressor, with stable and long-lasting performance.

Hydrocarbon refrigerant, LBA foaming agent, energy-saving, and environmentally friendly.

Metal foam inner door and compression structure design provide more significant thermal insulation performance.

Multiple protections to protect safety

Safe double door lock design to prevent random opening;

Equipped with a complete sound and light alarm system, it has multiple alarm functions such as high and low temperature, door opening, and condenser high temperature.



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Standard battery and USB, the temperature inside the box can be continuously displayed, and sound and light alarms can be given after a power failure, and the temperature inside the box can be recorded in real time.

Humanized design

The PCM liner is flexible and convenient to use, resistant to low temperatures and corrosion, and easy to clean.

Convenient door opening and closing design, making opening and closing the door more labor-saving.

The dust screen cover is easy to remove for regular cleaning of the filter. A test hole is standard for connecting the cold chain monitoring device.

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